

ABSTRACT OF THE DISCLOSURE

A system of cordless power tools includes a cordless power tool adapted to removably receive a rechargeable battery pack. In each embodiment, the battery pack and the power tool have complementary rails and grooves that aid in aligning the positive and negative blade terminals of the battery pack to the positive and negative tool terminals, respectively, of the power tool. In one embodiment, a keying feature cooperates with a mating keying feature to further align the terminals of the battery pack to the terminals of the power tool. In a second embodiment, the battery pack includes two sets of blade terminals, with each set including a positive blade terminal and a negative blade terminal.